

REMARKS

Applicant is in receipt of the Office Action mailed June 1, 2005.

Claim status is:

Claims 14-21 and 23-58 were pending prior to entry of the present amendment.

Claims 16-17, and 23 are herein amended.

Claims 34-58 are herein canceled.

New claim 59 has been added.

Claims 14-21, 23-33, and 59 are now pending.

Allowable Subject Matter

The Examiner states in the current Office Action that claims 14-21 and 23-33 are allowed. However, Applicant has amended claim 23.

Claim 23 as amended recites:

A graphics system comprising:
a control unit configured to receive compressed 3D geometry data, wherein said
compressed 3D geometry data comprises a plurality of blocks; and
a plurality of decompress pipelines, wherein said control unit is configured to
selectively route said blocks to one or more of said decompress pipelines,
wherein each block comprises compressed vertex information, wherein
said plurality of decompress pipelines are configured to decompress said
blocks into a plurality of vertices, and
wherein said decompress pipelines are configured to cache said blocks of
compressed vertex information to a memory.

The cited prior art either singly or in combination does not teach or render obvious
“wherein said decompress pipelines are configured to cache said blocks of compressed

vertex information to a memory”. Furthermore, the current Office Action states that “no prior art suggests or implies, in a graphics system for decompressing and rendering compressed 3D geometry data wherein said decompress pipelines are configured to cache said blocks of compressed vertex information to a memory”. Therefore, Applicant submits that claim 23 as amended and its dependent claims are non-obvious and patentably distinguished over the cited prior art for at least the reasons given above.

Art Rejections

Claims 34, 37, and 51 were rejected under 35 U.S.C. §102(e) as being anticipated by Koss et al. (USPN 5801711).

Claims 38-47, 50, and 52-58 were rejected under 35 U.S.C. §103(a) as being unpatentable over Koss et al. (USPN 5801711) in view of Rossin et al. (USPN 5862066).

These rejections are moot since claims 34-58 are herein canceled.

CONCLUSION

In light of the foregoing amendments and remarks, Applicant submits the application is now in condition for allowance, and an early notice to that effect is requested.

If any extensions of time (under 37 C.F.R. § 1.136) are necessary to prevent the above referenced application(s) from becoming abandoned, Applicant(s) hereby petition for such extensions. If any fees are due, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel PC Deposit Account No. 50-1505/5181-27800/JCH.

Also enclosed herewith are the following items:

- ☒ Return Receipt Postcard
- ☒ Notice of Change of Address
- ☐ Check in the amount of \$ for fees ().
- ☐ Other:

Respectfully submitted,



Mark K. Brightwell
Reg. No. 47,446
AGENT FOR APPLICANT(S)

Meyertons, Hood, Kivlin, Kowert & Goetzel PC
P.O. Box 398
Austin, TX 78767-0398
Phone: (512) 853-8800
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